

OYSTER BAY, LONG ISLAND, NEW YORK

#### **WE GUARANTEE**

We guarantee our stock to be true to name. No better bulbs can be bought at any price. If any customer receives stock that proves not true to name at blooming time, it is the result of an accident; in such case we will send the customer stock of the variety ordered in the grade sent out in the first instance. He may keep the bulbs first received.

Promptly upon receipt of the bulbs the package and each individual bag within it should be opened so as to give the air access to the bulbs. A disregard of this point may impair their blooming power.

All bulbs we send out will grow and bloom under ordinary conditions, but we have no control over their environment and the care they receive after they pass out of our hands. We therefore cannot assume responsibility for the customer's failure to succeed with them, either on account of unfavorable weather or soil conditions, improper planting, neglect, moles or mice.

#### TERMS OF SALE

At prices quoted all bulbs will be delivered f.o.b. New York or Oyster Bay. They will be packed with special care, and arrival in perfect condition is guaranteed. If there are any delays in delivery or the shipment does not seem intact, we shall appreciate prompt advice. 25 bulbs of one variety will be priced at the 100 rate, 6 at the dozen rate.

#### FREE DELIVERY

On orders accompanied by cash we deliver free to all points east of the Mississippi River.

Address All Orders and Communications to ZANDBERGEN BROS., Inc. "TULIPDOM"

Oyster Bay, N. Y.

Telephone: OYster Bay 6-0573





# TULIP CULTURE

Tulips should not be planted where they have been grown for two years previously. They do best in fresh soil or in beds where the soil has been changed. Growing them in the same place for more than two years will lead to failure in the end.

Do not use fresh stable manure at planting time for it is injurious to the roots. Well-rotted manure will prove beneficial. Bonemeal or dried sheep manure also can be used, about three handfuls to the square yard. This must be thrown on top of the soil before planting.

Nearly all Tulips should be planted outside about 5 inches deep and 6 inches apart, according to the size of the bulb. They should be planted four to six weeks before severe frost sets in. For best results, do not mulch them until after the soil has become frozen, to keep out mice, etc., and do not mulch them too heavily; 1/2 inch will prove quite enough. Old cow manure or peat moss may be used for this purpose.

\*If flowers are not cut for indoor decoration, be sure to cut them as soon as they fade. Do not let petals lie on ground.

When leaves have dried up, cut them off. If you lift them, place them in a dark cool spot to dry. When dry, remove roots and old loose skin. Store in dry, airy place.

# HOW MANY BULBS TO ORDER FOR BEDS OF A SPECIFIC SIZE

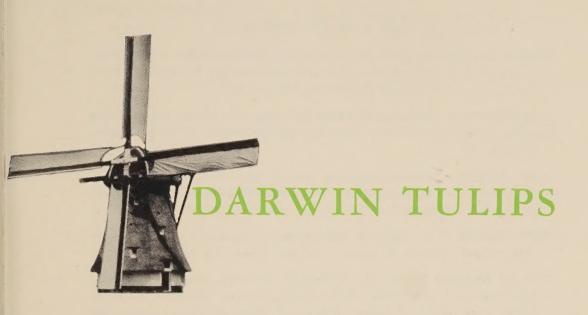
Below we give the number of bulbs needed to plant a circular bed of dimensions as stated. Plant outside rows first, and place three inches from edge of bed.

Diameter	6 in.	8 in.	12 in.	Diameter	6 in.	8 in.	12 in.
of bed	apart	apart	apart	of bed	apart	apart	apart
3 feet	28	16	7	12 feet	452	255	113
4 feet	48	27	12	13 feet	528	299	132
5 feet	80	44	20	14 feet	612	347	153
6 feet	112	64	28	15 feet	704	398	176
7 feet	152	87	38	16 feet	804	453	201
8 feet	200	113	50	17 feet	904	511	226
9 feet	256	143	64	18 feet	1016	573	254
10 feet	320	177	80	19 feet	1132	638	283
11 feet	380	214	95	20 feet	1256	707	314

To arrive at the number of bulbs required for an oval bed, add the length and breadth and divide by two using the result as the diameter in above table. A bed 6 feet wide by 8 feet long will require the same number of bulbs as a round bed 7 feet in diameter. (6 + 8 = 14; divided by 2 gives 7.)

Should we be sold out of the varieties ordered, may we substitute similar or better ones (at no extra cost to you)?





The chief characteristics of the Darwins are the perfect cupped shape of the flowers, fleshy substantial petals, tall stems, and bright colors ranging through all the shades of pink and red to purple. There are certain slaty blues and blue-violets that might be called blue, while the black Tulip is nearly realized in some of the dark maroon varieties. There are comparatively few pure yellow varieties. Most Darwins can be forced by the Middle of February, many of them even earlier, provided that they are potted as soon as received.

The bulbs must be set further apart than is the case with the early Tulips, and plently of room on the benches must be given when vigorous growth begins. They should be grown slowly under a moderate temperature. Too high a temperature should be avoided, or poor flowers result.

Nearly all varieties, but especially the mauve-colored ones, lose their true color and become much paler when forced.

An asterisk (\*) preceding the name indicates that it may be successfully forced. The figure following indicates the relative time of flowering. Most varieties of Tulips, Narcissus and Hyacinths are listed in the order of their respective merits, regardless of price. The variety which, in our opinion, is the choicest of its class is listed first, the second best is second, etc.

### Red and Cherry-Rose

- \*ECLIPSE 2. Glowing dark blood-red with steel-blue base. The large, magnificient flowers of open form are supported by strong, tall stems. Height, 30 inches. \$1.60 per dozen, \$12 per 100.
- MASTERPIECE 2. Brilliant red flower of large size carried on a strong stem. One of the best red Darwins; height, 28 inches. \$1.60 per dozen, \$12 per 100.
- \*PAUL RICHTER Wonderful garden variety and excellent for forcing.

  Geranium-red of good substance. Handsome cup shaped flower. \$1.60
  per dozen, \$12 per 100.
- \*KING GEORGE V 2. Glowing salmon-scarlet, shaded bright rose, blue star at base. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- CITY OF HAARLEM 3. Intense dark scarlet with dark bloom, large steelblue base and white halo. Prefers well sheltered situations, since the brittle stem breaks off easily. Height, 31 inches. \$1.60 per dozen, \$12 per 100.
- \*RED PITT 2. A sport of Wm. Pitt, much brighter color. Especially recommended for forcing. Height, 28 inches. \$1.35 per dozen, \$10 per 100.
- RED MASTER 1. A red sport of Pride of Haarlem and claimed to be an improvement over that variety. Height, 29 inches. \$1.35 per dozen, \$10 per 100.
- \*WILLIAM PITT 2. Very dark crimson, with purplish shade on outer petals.

  One of the best forcing varieties. Height, 24 inches. \$1.35 per dozen, \$10 per 100.
- FARNCOMBE SANDERS 2. Brilliant rosy-red with a clear white base. Height, 30 inches. \$1.35 per dozen, \$10 per 100.
- PRIDE OF HAARLEM 1. Brilliant, rose-carmine, blue base. Large, stately flower. Height, 28 inches. \$1.35 per dozen, \$10 per 100.

#### Pink Shades

- \*ARISTOCRAT 2. Brilliant pink, shading lighter along the edge; white base. Large cup-shaded flower of exceptional vigor carried on tall, strong stem. An improvement on Princess Elizabeth. Height, 29 inches. \$1.60 per dozen, \$12 per 100.
- \*PRINCESS MARY 3. Bright carmine-rose with blush-rose margin at edges; white base with a blue halo. Inside, the huge well-formed cup is almost a one-toned color, giving the top of the flower a very glowing, rich rose appearance. Height, 32 inches, \$1.60 per dozen, \$12 per 100.
- \*PRIDE OF ZWANENBURG 3. Salmon-pink with narrow margin of blush-rose. The large flower is carried on a strong stem. One of the finest pink Tulips. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

- \*PRINCESS ELIZABETH 2. Clear deep pink, changing with age to rose-pink; white base. Height, 28 inches. \$1.35 per dozen, \$10 per 100.
- THE PEACH. A fine peach-colored Tulip with large white center; medium-sized flower carried on a tall, strong stem and lasting a long time in bloom. \$1.35 per dozen, \$10 per 100.
- AFTERGLOW 4. Deep rosy-orange with salmon highlights at the edge of the petals. Medium-sized flowers. Height, 30 inches. \$1.60 per dozen, \$12 per 100.
- CLARA BUTT 4. Clear pink, flushed salmon-rose, with blue base and white halo. Medium-sized flower of good form; splendid for outdoor planting. Height, 22 inches. \$1.35 per dozen, \$10 per 100.

#### Yellow

- MAMASA. One of the newer yellow Darwins, a deeper yellow than the well-known Yellow Giant. Uniform bright buttercup-yellow, beautiful shaped flower, carried on a strong stem. Height, 25 inches. \$1.60 per dozen, \$12 per 100.
- \*GOLDEN AGE 3. Opens deep yellow, suffused soft orange when in full bloom. A beautiful Tulip of excellent form; strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- \*NIPHETOS 1. Lemon-yellow, with creamy white base and anthers. Of perfect form and remarkable texture, lasting a long time in bloom. Height, 29 inches. \$1.60 per dozen, \$12 per 100.

#### White

- \*GLACIER 3. Regarded as the largest and most outstanding pure white Darwin in existence; white base and sulphur-white base and sulphur-white anthers. The oval flowers are enormous in size and carried on strong stems. Of great substance and long-lasting quality, and highly recommended for exhibition purposes. Height, 31 inches. \$1.60 per dozen, \$12 per 100.
- \*WHITE GIANT 3. A lovely white Darwin; tall straight, strong stem. Although not as large as Glacier, it is a superior variety and belongs among the best of the white Darwins. Height, 30 inches. \$1.35 per dozen, \$10 per 100.
- \*MRS. GRULLEMANS 1. Large, creamy white flower with pure white base and sulphur-yellow anthers, carried on a tall stem. An outstanding Tulip. Highly recommended for forcing and for the garden. Height, 27 inches. \$1.60 per dozen, \$12 per 100.

#### Purple

- \*THE BISHOP 3. Soft violet-purple, dull blue base and white halo. A truly impressive, large flower of beautiful form; tall, strong stem. Height, 29 inches. \$1.60 per dozen, \$12 per 100.
- \*GIANT 2. Deep reddish purple, shaded dark violet, with white base, starred blue. Height, 29 inches. \$1.60 per dozen, \$12 per 100.
- \*FAUST 3. Dark satiny purple with white base. large flower of fine form. Excels for exhibition purposes among the dark varieties. Height, 30 inches. \$1.35 per dozen, \$10 per 100.
- \*MARGAUX 3. A huge flower of deep wine-red color, shaded lighter at margin, with blue base. Of good substance, it lasts a long time in bloom. Strong stem. A splendid exhibition variety. Height, 28 inches. \$1.35 per dozen, \$10 per 100.
  - QUEEN OF THE NIGHT. Deep velvet-maroon, tall strong stem. One of the darkest Tulips ever introduced, even darker than Faust. Height, 28 inches. \$1.35 per dozen, \$10 per 100.
  - LA TULIPE NOIRE 3. Very dark maroon-black—often bears more than one flower, which detracts from its beauty. Height, 26 inches. \$1.35 per dozen, \$10 per 100.

#### Lilac

- \*INSURPASSABLE 2. Lilac Tulip of fine form and great substance carried on a strong stem. Highly recommended for early forcing and exhibition. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- \*MME. BUTTERFLY 3. Lilac-mauve with paler edge. Huge flower on a tall, strong stem. A leading variety for the garden and for forcing. Height, 30 inches. \$1.35 per dozen, \$10 per 100.
- **BLUE RIBBON.** Lively deep mauve, large flower on tall stem, 28 inches. \$1.60 per dozen, \$12 per 100.
- BLEU AIMABLE 3. Pale lavender, shaded steel-blue, with white base, starred blue. Good-sized flower of a very distinct shape. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- ROSE COPELAND 2. A sport of the well-known William Copeland, with the same excellent forcing qualities. A lovely lilac-rose. Height, 27 inches. \$1.35 per dozen, \$10 per 100.

### BREEDER TULIPS

Discarded by their originators, the old Dutch gardeners, because they had no stripes or feathers, the Breeders were more or less neglected and grown only in some obscure corners, until an appreciation for the so-called "art colors" awakened. With the revival of the taste for bronze, brown and buff tones, attention was drawn to these Tulips, which have now become the most popular late Tulips. And they deserve their popularity, not only for their peculiar and odd colors, but also for their great lasting qualities. In size and height they frequently surpass even the finest Darwins.

#### Bronze and Buff

- \*TANTALUS 3. Cup-shaped flower of light codmium-yellow flushed slaty violet; yellow base, Large, well-formed flower of great substance carried on a tall, strong stem. Height, 29 inches. \$1.60 per dozen, \$12 per 100
- \$ONATE. Brilliant orange red, shaded yellow at edges, strong stem. Fine for the garden. Height, 29 inches. \$1.60 per dozen, \$12 per 100.
- \*ADMIRAL TROMP 2. One of the finest Breeders. The color is a beautiful orange flushed salmon, paler at edge of petals. Large flower of very good form and substance. Height, 32 inches. \$1.35 per dozen, \$10 per 100.
- \*CHERBOURG 1. Deep golden yellow, growing deeper at the edge of petals, with a flush of deep terra-cotta along the outside center of each petal. Height, 27 inches. \$1.60 per dozen, \$12 per 100.
- \*DILLENBURG 2. Self-colored warm glowing orange. Large flower of elegant shape and distinct coloring. Height, 28 inches. \$1.35 per dozen, \$10 per 100.

### Purple Shades

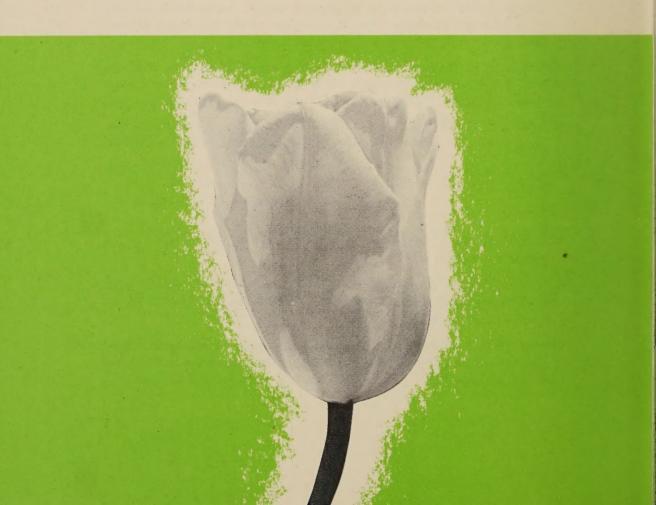
- LOUIS SIXTEENTH 3. Very large, violet-blue flower. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- BACCHUS 3. Dark plum-violet; inside violet-blue with white star at base. Large, egg-shaped flower, with slightly frilled petals. Height, 30 inches. \$1.60 per dozen, \$12 per 100.
- \*VELVET KING 3. Glossy maroon-purple, with yellowish base, marked blue, and having an extra number of petals. Height, 26 inches. \$1.35 per dozen, \$10 per 100.

### Scarlet, Bronze and Brown

- WINNETOU. Dazzling scarlet-red, large and slightly pointed flower on tall strong stem. Height 30 inches. \$1.60 per dozen, \$12 per 100.
- \*INDIAN CHIEF 4. Reddish mahogany, flushed purple, edged warm brown when in full bloom; yellow base. A tall variety of striking color and one of the largest Tulips in cultivation. Height, 34 inches. \$1.60 per dozen, \$12 per 100.
- PONTIAC 4. Brilliant vermillion. Very large, beatifully formed flower on a tall, strong stem. Height, 32 inches. \$1.60 per dozen, \$12 per 100.
- \*LOUIS XIV 4. Dark purple flushed bronze with broad margin of golden brown. Considered by many to be one of the most artistic Tulips in existence. Height, 32 inches. \$1.60 per dozen, \$12 per 100.

#### Pink Shades

CHAPPAQUA 4. Deep lilac-rose, inside carmine-rose with yellow base and blue halo. Long flower on a tall strong stem. \$1.60 per dozen, \$12 per 100.



# COTTAGE TULIPS

The term "Cottage" Tulips is of quite recent origin. The fact that they are probably the longest lived and most lasting of all Tulips caused many of them to be planted around the country houses and cottages of England and France. All colors imaginable can be found here, and most varieties have long stems, some gracefully drooping. They form excellent cut-flower material and are unsurpassed for garden decoration.

#### White

- \*ALBINO 2. Pure, white, with ivory stamens. Very conspicuous for size of bloom; an exquisite variety for forcing. Height, 22 inches. \$1.35 per dozen, \$10 per 100.
- MOUNT EREBUS 2. Excellent pure white, yellow anther, large flower on a tall strong stem. Height 28 inches. \$1.35 per dozen, \$12 per 100.
- \*CARRARA 3. Another glistening snow-white beauty greatly enhanced by prominent yellow stamens. Fine forcer. Height, 20 inches. \$1.35 per dozen, \$10 per 100.

#### White Edged Pink

- PINK DELIGHT 3. White with delicate red picotee edge. This narrow margin of color gradually suffuses the whole flower when in full bloom, until it becomes rose-pink. One of the largest Tulips in existence. Height, 32 inches. \$1.60 per dozen, \$12 per 100.
- **PRIDE OF INGLESCOMBE 3.** White, edged carmine-rose, which color suffuses the whole flower as it ages. Height, 23 inches. \$1.60 per dozen, \$12 per 100.

#### Pink and Rose

- \*DIDO 3. The deep, rich pink flowers are of glorious shape and color. Each petal is brightened by salmon-yellow shades, suffused with soft orange. Height, 30 inches. \$1.35 per dozen, \$10 per 100.
- \*MARJORIE BOWEN 3. The color is extraordinary—a combination of buff and salmon, passing into deep rose shades with salmon sheen. Height, 26 inches. \$1.35 per dozen, \$10 per 100.
- \*ROSABELLA 3. The predominant color is bright rose, almost watermelonpink, shading to pastel pink at edge of petals and ivory-white at the base. Height, 26 inches. \$1.35 per dozen, \$10 per 100.

#### Scarlet and Crimson

- ROSY WINGS. Delightful pink with Forget-me-not blue base. Flower very large and similar to Cottage Tulip Advance, and like Advance one of the earliest Cottage Tulips to bloom. \$1.60 per dozen, \$12 per 100.
- **SMILING QUEEN.** One of the most beautiful of recent introductions. Rose pink, shading to soft silvery pink with a pure white base. Large exquisite flowers. Height 25 inches. \$1.35 per dozen, \$10 per 100.
- \*ADVANCE 1. Large flower of deep rose, shading bronze to blue inside. It is bright but pleasing because the bluish sheen of the center tones down the brilliancy. Strong stem; vigorous upright habit. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- \*MAYFLOWER 1. Deep rose with purple bloom on outer petals and brilliant blue base. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

#### Yellow

- \*MRS. JOHN T. SCHEEPERS 3. Very large, oval-shaped, golden yellow flower of majestic beauty, carried on a tall, strong stem. A great improvement on the older varieties. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- \*MONGOLIA 3. Huge egg-shaped flower of attractive deep golden yellow; of great substance and carried on a strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- BELLE JAUNE 3. One of the most pleasing of all deep yellow varieties. This well-formed, egg-shaped flower has a light base and pure yellow anthers. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- YELLOW EMPEROR 3. Brilliant butter-yellow, large and rather long flower, well formed. Height 26 inches. \$1.35 per dozen, \$10 per 100.
- \*MRS. MOON 4. Well-formed, large vase-shaped flowers of rich golden yellow with recurving petals. Height, 25 inches. \$1.35 per dozen, \$10 per 100.
- \*INGLESCOMBE YELLOW 4. Glassy canary-yellow, occasionally edged and suffused scarlet when in full bloom. Medium-sized, globular flower. Height, 23 inches. \$1.35 per dozen, \$10 per 100.

#### Primrose

- \*JANE ALDRED 3. Canary-yellow, changing to creamy white when in full bloom; long, strong stem. One of the best Cottages in this color. Highly recommended for the border. Height, 32 inches. \$1.60 per dozen, \$12 per 100.
- LEMON QUEEN 3. A splendid variety of elegant form. Color pure soft yellow changing to ivory-white when in full bloom; strong stems. Height, 26 inches. \$1.35 per dozen, \$10 per 100.

### LILY

### FLOWERING TULIPS

ALASKA. Very elegant and graceful, with slightly reflexed petals frequently 5 in. long. One of the most interesting of all canary-yellow varieties, because of its beautiful shape. Height, 25 inches. \$1.35 per dozen, \$10 per 100.

CAPTAIN FRYATT. Dark ruby-violet, violet-blue center. One of the most attractive Lily-flowered tulips. Height, 24 inches. \$1.85 per dozen, \$14 per 100.

GOLDEN DUCHESS. Long pointed flower with golden yellow reflexing petals on a strong stem. The best yellow lily flowered tulip. Height, 24 inches. \$1.85 per dozen, \$14 per 100.

MARIETTE. Deep satin rose. \$1.60 per dozen, \$12 per 100.

PICOTEE. White, margined deep rose, the color suffusing the whole flower as it ages. Fine for cutting. Height, 24 inches. \$1.35 per dozen, \$10 per 100.

WHITE TRIUMPHATOR. Extra. Largest Lily flowered Tulips. \$1.95 per dozen, \$15 per 100.

#### REMBRANDT TULIPS

The Rembrandt Tulips comprise a strain of variegated or "broken" Darwin Tulips, but the flowers are not so large.

NAMED VARIETIES. \$1.60 per dozen, \$12 per 100.

SPLENDID MIXTURE. \$1.35 per dozen, \$10 per 100.

#### DARWIN MIXTURE

Selected bulbs, all colors, representing many varieties. \$1.35 per dozen, \$10 per 100.

#### BREEDER MIXTURE

Selected bulbs, all colors. Consisting of a great many varieties. \$1.35 per dozen, \$10 per 100.

#### COTTAGE MIXTURE

Selected bulbs, all colors. Consisting of a great many varieties. \$1.35 per dozen, \$10 per 100.



# PARROT TULIPS

When still in bud the flower looks somewhat like the head of a parrot, hence the name. Blooms are brilliantly colored and artistically shaped, which makes them particularly appealing for home decoration. They may be forced slowly, by late February; for this purpose only strong bulbs should be used.

- BLACK PARROT. A very distinct member in this section. Large glossy maroon-black carried on a strong erect stem. Height, 26 inches. \$1.95 per dozen, \$15 per 100.
- \*BLUE PARROT 3. Sport of Darwin Tulip Bleu Aimable. Lavender shaded steel-blue. An immense flower with ruffled edge instead of the deeply lacinated edge of most Parrot varieties. Height, 20 inches. \$1.35 per dozen, \$10 per 100.
- **DOORMAN.** Cherry-red distinct flower of great size with yellow edging on petals. Splendid garden variety. Erect carriage. \$1.95 per dozen, \$15 per 100.
- \*FANTASY 3. A sport from the well-known Darwin Tulip Clara Butt. Very large flower. Inside, the cup is velvety rose color, showing well through the open flower. Apple-green markings on outside make this one of the most unique Tulips. Height, 20 inches. \$1.35 per dozen, \$10 per 100.
- GADELAN 3. Blending shades of blue and violet with emerald-green blotches and white edge. Inside of flower shows bright violet-purple, white base, and contrasting black anthers. \$1.95 per dozen, \$15 per 100.
- IVORY PARROT. Heavy lacinated petals, ivory white flowers with unusual yellow base. \$1.95 per dozen, \$15 per 100.
- ORANGE PARROT. \$1.60 per dozen, \$12 per 100.
- **RED CHAMPION.** Warm deep cochineal red, outer tips faintly marked white. Enormous lacinated blooms when fully open. Good strong grower and can be forced. \$1.60 per dozen, \$12 per 100.
- TEXAS GOLD. Deep yellow. \$1.60 per dozen, \$12 per 100.

### TRIUMPH TULIPS

Triumph Tulips are hybrids of Single Early and Darwin Tulips. From the Single Early parents they inherit earliness and from the Darwins stateliness. The result is something entirely novel and worthwhile Tulips that bridge the gap between the early and late kinds. They bloom about ten days earlier than the May-flowering varieties. They have strong stems, and some of the most beautiful colors are found in this class. All force readily.

- \*ELMUS. Warm carmine-red, deeply edged white. Very large, globular flower with pure white base; tall, strong stem. Especially recommended for the garden. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- **HETTY HOOS.** Pure buttercup yellow with yellow stamens. Good forcer. Fine Darwin shaped flower. \$1.60 per dozen, \$12 per 100.
- \*KORNEFOROS. Regarded as the best Triumph, clear red with white base. Large flower carried on a very strong stem. One of the best forcers. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- MAKASSAR. Dark canary-yellow. A great improvement over Ursa Minor. \$1.60 per dozen, \$12 per 100.
- \*NIVEA. Very large flower of purest white, of fine substance and long-lasting quality. The best of the white Triumphs. Extra good forcer. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- \*OVERDALE. Red, flushed purple. Very good forcer. \$1.60 per dozen, \$12 per 100.
- PARIS. A very beautiful and interesting Tulip, color a pleasing shade of orange-red, edged yellow, good-sized flower on a strong stem. Highly recommended for the garden, and a most lovely cut flower. Height, 22 inches. \$1.95 per dozen, \$15 per 100.
- \*PRELUDIUM. Rose, white base—a very beautiful flower of good size. Fine forcer. \$1.60 per dozen, \$12 per 100.
- \*PRINCESS BEATRIX. Flowers red with beautiful yellow margin. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- \*ROLAND. One of the best forcing Tulips. Shiny scarlet with white edge. \$1.60 per dozen, \$12 per 100.
- \*TELESCOPIUM. Reddish violet. A well-shaped Tuilip of large size carried on a very strong stem. Height, 24 inches. \$1.35 per dozen, \$10 per 100.
- \*WHITE HOUSE. Pure white, very large flower on a strong stem. Very fine forcer. \$1.85 per dozen, \$14 per 100.

# MENDEL TULIPS

### Specially Recommended For Forcing

This race of Tulips is the result of crossing Duc-Van Tol Single Early Tulips, and Darwins, in order to obtain varieties possessing the good qualities of both classes. Mendels have the early forcing qualities of the Single Early and the stems are nearly as tall as those of the Darwins.

All varieties force very readily and are recommended for this purpose only. For the garden we strongly recommend the Triumph varieties, which bloom at the same time as the Mendels —about ten days before the May-flowering kinds.

- PIQUANTE. A noble flower of great substance, large size, and perfectly carried on a sturdy stem. The color is carmine-red, edged white. A wonderful strong grower and excellent for forcing. \$1.60 per dozen, \$12 per 100.
- VAN DER EERDEN. Glowing rosy-red, suffused purple. Very easy forcer. Height, 15 inches. January 10. \$1.35 per dozen, 10 per 100.
- WHITE SAIL. Opens creamy white, turning to pure white. The only white Mendel now reasonably priced. Height, 16 inches. \$1.35 per dozen, \$10 per 100.
- OLGA. Violet red, edged white. Strong stem; fine for forcing. \$1.35 per dozen, \$10 per 100.
- ORANGE WONDER. Bronzy-orange, shaded scarlet with slightly waved petals. One of the best Tulips of recent introduction. Highly recommended for outdoor culture or late forcing. \$1.60 per dozen, \$12 per 100.
- RYNSOEVER. Soft yellow round flower with elegant upstanding foliage. Extra early forcer. \$1.60 per dozen, \$12 per 100.
- TOPSCORE. Geranium-red. One of the best for early forcing. \$1.60 per dozen, \$12 per 100.

# VARIOUS WILD TULIPS

- CHRYSANTHA. Yellow, flushed red. Charming small flower on a slender stem. Height, 6 inches. \$1.60 per dozen, \$12 per 100.
- CLUSIANA. Sometimes called Candlestick or Little Lady Tulip. Glistening white with a carmine flame on each petal. Should be planted in light soils and sheltered corners. Height, 14 inches. \$1.35 per dozen, \$10 per 100.
- EICHLERI. Large, crimson-scarlet flower with a black center marked gold. Height, 12 inches. \$1.35 per dozen, \$10 per 100.
- GAIETY. Short stems with lovely creamy white flowers, seeming to rest on the foliage, 6 inches. \$2.10 per dozen, \$16 per 100.
- **KAUFMANNIANA**. Primula-yellow with yellow center. Height, 8 inches. \$1.60 per dozen, \$12 per 100.
- **PRAESTANS.** Brilliant orange-red, often bearing two or more flowers on a stem. Height, 10 inches. \$1.60 per dozen, \$12 per 100.
- PRAESTANS FUSILIER. Vermillion-orange, 2-4 flowers on a stem, outstanding. \$1.85 per dozen, \$14 per 100.
- \*RED EMPEROR (Madam Lefeber). A greatly improved Fosteriana. One of the largest and most magnificent of all species Tulips. The flowers are glossy orange-scarlet; handsome black base bordered yellow. Height, 18 inches. \$1.35 per dozen, \$10 per 100.



# SINGLE EARLY TULIPS

Just as the daffodils pass out of the garden picture, these early Tulips enter, to help prolong spring joys. This group includes some of the gayest-colored of all Tulips. Most early Tulips grow readily in pots or pans indoors. All furnish excellent material for outdoor planting.

- \*COULEUR CARDINAL 4. Bright crimson-scarlet. An unusually substantial flower with a tall, strong stem. Height, 13 inches. \$1.60 per dozen, \$12 per 100.
- \*DE WET 3. An outstanding variety for bedding and forcing. Golden yellow, flushed and stippled deep orange, softened by a golden sheen. The flowers are large and delicately scented. Height, 16 inches. \$1.60 per dozen, \$12 per 100.
- \*KEIZERSKROON 2. As a bedding variety it stands alone, with bright crimson-scarlet flowers, each of which is edged with a deep, rich yellow border. Of tremendous size for an early variety and of long-lasting qualities. Height, 16 inches. \$1.60 per dozen, \$12 per 100.
- PINK BEAUTY 4. Bright glowing-rose color, with a white flush through center of outer petals, flowers are large and of shapely form, vigorous grower, one of the most beautiful Early Tulips for bedding. Height, 13 inches. \$1.60 per dozen, \$12 per 100.
- \*PRINCE OF AUSTRIA 3. Large, sweet-scented flower on a tall, strong stem of long lasting quality. Rich orange-scarlet. Height, 16 inches. \$1.35 per dozen, \$10 per 100.
- PRINCESS JULIANA 3. Delicate pink. Large flower of great substance. \$1.60 per dozen, \$12 per 100.
- \*RISING SUN 2. Deep golden yellow. Height 16 inches. \$1.35 per dozen, \$10 per 100.
- \*VERMILLION BRILLIANT 2. Brilliant vermillion with yellow base—among the brightest of red Tulips. A very good early forcer and a splendid bedder. Height, 13 inches. \$1.60 per dozen, \$12 per 100.
  - WHITE BEAUTY 4. The finest in this class, but also the latest to bloom. The beautiful globular flowers are of great size and substance. A sport of Pink Beauty. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- \*WHITE HAWK 2. A superb bedding variety and one of the finest for growing in pots or pans. The flowers are pure white, and of unusual grace because of the crinkled edges of the petals. Height, 13 inches. \$1.35 per dozen, \$10 per 100.

# DOUBLE EARLY TULIPS

Although not so elegant in form as the single varieties, these are an exceedingly useful class of Tulips, producing a brilliant effect when planted in beds. Admirably adapted for forcing, and making a fine display when grown in pots or pans, but they should be forced slowly.

- \*ELECTRA 2. A violet sport of the well-known Murillo. Very fine color. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- \*MARECHAL NIEL 2. A fine variety of superb form and color. Pleasing canary-yellow with soft orange tints. Height, 11 inches. \$1.60 per dozen, \$12 per 100.
- \*MURILLO 2. Delicate rose-pink, flushed white. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- ORANGE NASSAU. Large warm orange-scarlet sport of Murillo, splendid bedder and good forcer. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- \*PEACH BLOSSOM 2. Bright rose-pink deepening to carmine-rose as it grows older. Well-shaped, large flowers of good lasting qualities. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- SCARLET CARDINAL 1. Rich orange-scarlet. Very large perfect bloom on a strong stem. Can be forced early. \$1.60 per dozen, \$12 per 100.
- \*SCHOONOORD 2. Large, very full, white flower. Good forcer and bedder. Height, 12 inches. \$1.60 per dozen, \$12 per 100.
- \*MR. VAN DER HOEF 2. Pure yellow; a sport of Murillo, and has all of the qualities of that variety. Height, 12 inches. \$1.60 per dozen, \$12 per 100.



# PEONY FLOWERED TULIPS

(Double May-flowering Tulips)

CLARA CARDER. Deep Tyrian-purple, inside lilac-purple with white base. \$1.60 per dozen, \$12 per 100.

EROS. Clear old rose color. Magnificent double, large peony flowers on tall strong stems. \$1.60 per dozen, \$12 per 100.

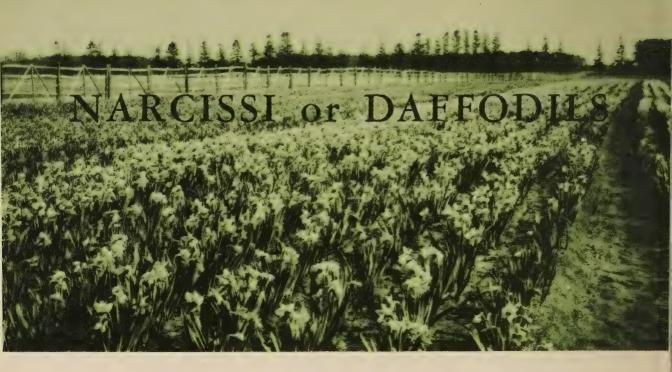
**LIVINGSTONE.** Cardinal red; strong stem. Fine for bedding and forcing. \$1.60 per dozen, \$12 per 100.

MOUNT TACOMA. Resembling a double white Peony. Large flower on a strong stem. \$1.60 per dozen, \$12 per 100.

NIZZA. Pale chrome yellow striped and feathered with vivid scarlet. Very outstanding. \$1.60 per dozen, \$12 per 100.

UNCLE TOM. Unique; full double large flowers. Uniform color of deep glossy red. Beautiful with groups of lighter color. \$1.60 per dozen, \$12 per 100.





The terms Narcissus and Daffodil are interchangeable, although there exists a tendency to apply the term Narcissi to the small-flowering groups like Poeticus, Leedsii, Barrii and Incomparabilis; while the larger-flowered Trumpet varieties are most frequently referred to as Daffodils.

Soil and its Treatment. Narcissi will thrive in any ordinary garden soil, but prefer a deep, rather moist, sandy loam. When the soil is of a dry and sandy nature, it should be deeply dug, if possible at least a season before planting the bulbs, composted leaves or well-rotted manure being added and a vegetable or annual crop grown on the ground. Before the bulbs are planted a sprinkling of lime should be spread on the surface and then raked in. It is also beneficial to add bone meal at the rate of 1-1/2 oz. to the square yard while digging the soil. Never use fresh manure of any kind at planting time—it burns the roots! On very poor and dry sandy soils we recommended the addition of about 1 oz. per square yard of sulphate of potash to be sprinkled over the surface of the ground, after planting.

Naturalizing in Grass, etc. All Narcissi will grow equally well in the open or in partial shade. In the flower-border, to obtain the best effect, they should be planted in large groups of irregular outline, each group or clump to contain one variety only; avoid straight lines, circles, and symmetrical designs. Masses of Narcissi should always appear in the hardy flower border, where they can be planted between the clumps of herbaceous plants, which hide as well as shelter the foliage later in the season.

# TRUMPET NARCISSUS

Trumpet or crown as long as or longer than the perianth segments.

We offer only finest quality Double Nosed Extra Selected bulbs, true to name and guarantee the every hundred bulbs will produce from 200 to 300 flowers, depending on the variety. Please consider this factor when comparing prices,

#### Yellow

- FLOWER CARPET 1. Both trumpet and perianth are of deep golden yellow.

  Large flower of unexcelled form, on a tall stem. A first-rate Daffodil that may be considered as a real improvement on King Alfred. Early forcer. \$2.60 per dozen, \$20 per 100.
- UNSURPASSABLE 3. The large flower is beautifully proportioned. Long, bold, rich golden yellow trumpet with overlapping petals in the same color. Tall, strong stem. \$3.20 per dozen, \$25 per 100.
- GOLDEN HARVEST 1. Uniform golden yellow. A giant among the giants. Early forcer. \$2.60 per dozen, \$20 per 100.
- KING ALFRED 1. Considered the best among the yellow trumpets. Large, long-lasting, golden yellow flower of distinctly refined shape and deeply frilled trumpet. One of the earliest and most valuable for forcing. \$2.60 per dozen, \$20 per 100.
- **REMBRANDT.** Golden-yellow trumpet of perfect form and substance. Large sized flower, well proportioned, with flat overlapping petals. \$2.50 per dozen, \$17 per 100.
- COVENT GARDEN 2. Refined trumpet and perianth of uniform yellow. Medium-sized flower, well proportioned, with flat, overlapping perianth. \$2.60 per dozen, \$20 per 100.
- WRESTLER 2. The huge trumpet is golden yellow, heavily frilled and glittering as though sprinkled with gold dust. Soft sulphur-yellow perianth of exceptional symmetry. \$2.60 per dozen, \$20 per 100.
- MAGNET. A medium early with deep golden yellow trumpet and creamy white perianth. Good forcer. \$2.50 per dozen, \$17 per 100.
- THE FIRST 1. A sulphur-yellow trumpet with perianth of the same color, which has replaced the popular old Emperior. It blooms much earlier, is a very robust grower and bears its large flowers on very tall, strong stems. One of the first to bloom. \$2.30 per dozen, \$17.50 per 100.

#### White or Almost White

Varieties with white or pale primrose trumpet and white perianth.

- MOUNT HOOD 3. Overlapping pure white perianth with large creamywhite trumpet changing to pure white when in full bloom. Very strong grower. Regarded as the best white in existence. \$3.20 per dozen, \$25 per 100.
- **BEERSHEBA 3.** Rated as one of the choicest among the large white trumpet varieties. Trumpet and perianth are pure white and very well proportioned; either as a cut flower or in the garden it will last a long time. \$3.20 per dozen, \$25 per 100.
- MRS. ERNEST H. KRELAGE 3. Described by connoisseurs as one of "the finest among the ivory-white Daffodils." The flowers are of distinctive shape with elegantly disposed petals and creamy white trumpet. \$2.60 per dozen, \$20 per 100.
- IMPERATOR. Creamy white, very large with well formed overlapping perianth. Medium to late bloomer. Excellent for the garden. \$2.25 per dozen, \$17 per 100.

#### Bicolor

Varieties with white or whitish perianth and a yellow or primrose trumpet.

- PRESIDENT LEBRUN 2. The well-formed, large, overlapping white perianth holds forth an elegantly curved trumpet of lemon-yellow. Large flower of very good substance. \$2.60 per dozen, \$20 per 100.
- MUSIC HALL. Large and well-overlapping, pure white perianth and a large, deep golden yellow trumpet, widely flanged and rolled back at mouth. Strong grower. \$2.35 per dozen, \$18 per 100.



### INCOMPARABILIS

Cup or crown measuring from one-third to nearly equal the length of the perianth segments.

- ARANJUEZ. Clear yellow perianth, of great substance, crown of deep yellow, widely margined with deep orange red. Fine exhibition flower. \$3.75 per dozen, \$30 per 100.
- **SELMA LAGERLOF.** This well-formed flower of singular beauty has broad, smooth pure white perianth, the very large yellow crown is rather shallow and widely margined with a most attractive orange band, a charming garden variety. \$3.75 per dozen, \$30 per 100.
- FORTUNE 1. Broad, creamy yellow perianth of very solid texture; crown of great size and good form, opening at mouth, of a glowing soft orange color. A good grower and early bloomer, opening about the same time as King Alfred. \$1.95 per dozen, \$15 per 100.
- JOHN EVELYN 3. Deservedly an international favorite; outstanding among the Incomparabilis hybrids. The flat-opening perianth, pure white without a trace of shading, and the flat, densly frilled cup of lemon-yellow, fluted to the base, make it one of the greatest Daffodils of the present day. \$1.95 per dozen, \$15 per 100.
- SCARLET ELEGANCE 2. Large perianth of deep golden yellow; brilliant flame-orange cup. Of perfect and good substance. It is one of the best varieties for exhibition. \$1.95 per dozen, \$15 per 100.
- CARLTON 2. Both perianth and cup are of clear soft yellow. The flat perianth is broad and overlapping and the large expanded cup is nicely frilled. Free flowering and especially recommended. \$1.95 per dozen, \$15 per 100.
- MONIQUE 2. Very large flower with flat, overlapping perianth of pure white and widely expanded cup of golden yellow, edged orange. \$1.95 per dozen, \$15 per 100.
- BARTIZAN 2. Lovely soft yellow, flat perianth with trumpet-shaped cup of orange-red. \$1.95 per dozen, \$15 per 100.
- EDWARD G. BUXTON. A novelty of exquisite beauty. Large, creamy white perianth with clear cut orange cup. Good grower. \$2.60 per dozen, \$20 per 100.
- HELIOS 1. Creamy yellow, star-shaped perianth, with slightly frilled, pale orange cup that changes to a lovely deep yellow after flowers are fully open. \$1.95 per dozen, \$15 per 100.

# BARRII NARCISSUS

Cup or crown measuring less than one-third the length of the perianth segments.

- HARDY. Overlapping creamy white perianth, the frilled semi-double crown is orange-red. Unique flowers and most attractive. \$2.60 per dozen, \$20 per 100.
- CARBINEER. Substantial, bright yellow perianth, large bright orange-red cup, color intensifies with age. Great substance. \$6.50 per dozen.
- **THERAPIA 3.** The whole flower is finely proportioned. Perianth is creamy white with a large flat cup of deep orange. \$3.80 per dozen, \$30 per 100.
- VERGER 3. The combination of pure white perianth and glowing deep red cup gives the flower a distinctive appearance. \$1.95 per dozen, \$15 per 100.
- LADY DIANA MANNERS 3. Broad, pure white perianth with a large, fluted cup frilled blood-red. Very free flowering and an excellent forcer. \$1.95 per dozen, \$15 per 100.
- ALCIDA 3. Large flower with creamy white perianth and broad citron-yellow cup, frilled blood-orange. A strong, free-flowering variety. \$2.10 per dozen, \$16 per 100.

# POETAZ NARCISSUS

A fine race of Narcissus resulting from a cross between Poeticus Ornatus and the finest varieties of Polyanthus or Bunchflowered Narcissus. They are tall and vigorous growers, bearing heads of large, well-formed, fragrant flowers.

- CRAGFORD. Perianth pure white, cup orange red, can be easily grown in bowls with gravel and water, keep cool and in dark until buds are visible, will bloom before Christmas. Twice as large as Laurens Koster. 3.50 per dozen, \$25 per 100.
- L'INNOCENCE 2. Perianth pure white; cup citron-yellow. \$1.95 per dozen, \$15 per 100.
- GLORIOUS 3. Perianth white, with deep orange-yellow cup, edged scarlet. Fine for semi-shade; very early forcer, with three large flowers born on tall, graceful stems. \$1.95 per dozen, \$15 per 100.

- **SCARLET GEM 3.** Deep golden yellow perianth and brilliant red cup combine to make this a very showy variety. Very free flowering, bearing from five to seven flowers on a stem. \$1.95 per dozen, \$15 per 100.
- **GERANIUM 3.** Pure white perianth with large, deep orange-red cup. Free flowering with five to seven blooms gracefully carried on each strong stem. Late. \$1.95 per dozen, \$15 per 100.
- LAURENS KOSTER 3. Pure white petals; yellow eye. A sturdy grower with five to seven flowers on a stem. \$1.60 per dozen, \$12 per 100.

### LEEDSII NARCISSUS

Perianth white and cup or crown, white, cream or pale citron, sometimes tinged with pale pink or apricot.

- MRS. R. O. BACKHOUSE 3. The famous pink Daffodil. Perianth is creamy white, with a long, graceful, deeply fringed trumpet of clear pale apricot, tinged deeper at edges. A most unusual and charming variety. \$3.20 per dozen, \$25 per 100.
- DAISY SCHAEFFER 3. This variety resembles a trumpet but is much more refined. The pure white perianth with primose cup is tinted greenish yellow. \$2.60 per dozen, \$20 per 100.
- GERTIE MILLAR 3. Pure white perianth and large primrose cup, deeply fluted and frilled. A most handsome flower. \$2.60 per dozen, \$20 per 100.
- JAN JONKHEER. Broad, glistening white perianth and soft primrose-yellow cup with finely crinkled edge. \$2.10 per dozen, \$16 per 100.



### POETICUS NARCISSUS

These Poet's Narcissus all have snowy white perianth segments or petals and a flattened eye or crown, yellow or lemon, edged more or less deeply with scarlet or crimson, and sometimes mostly scarlet. All are more or less sweetly scented. Having very highly colored crowns, they should be cut young.

- ACTAEA 4. White perianth of broad and overlapping petals with a flat lemon-yellow cup frilled deep red. The largest of the new Poeticus. Good forcer and wonderful for exhibition. \$1.95 per dozen, \$15 per 100.
- RECURVUS 5. Pure white perianth, cup deep orange-red. The latest flowering of this type. \$1.60 per dozen, \$12 per 100.

### DOUBLE NARCISSUS

- MARY COPELAND 3. The most striking variety of the semi-double type; unsurpassed for garden or show purpose. The longer petals of creamy white are interspersed with shorter petals of lemon and brilliant orange. \$2.60 per dozen, \$20 per 100.
- **TEXAS.** Taller growing and of better form than Indian Chief; pale yellow interspersed with brilliant orange. \$2.30 per dozen, \$17.50 per 100.
- CHEERFULNESS 4. The creamy-white perianth has broad, round, well-shaped petals, while the center consists of creamy yellow petals. The flowers are exquisitely scented. \$1.85 per dozen, \$14 per 100.

# JONQUIL NARCISSUS

Very much prized for their delightfully scented flowers. Perfectly hardy in gardens or naturalized, also well adapted to indoor culture in pots.

- **TREVITHIAN 2.** Broad, overlapping, smooth-texture perianth with medium-sized, shallow crown. Pale lemon-yellow throughout. Free flowering; fragrant. \$1.95 per dozen, \$15 per 100.
- GOLDEN SCEPTRE 2. Of deep orange-yellow color and one of the largest flowering in this class. \$1.95 per dozen, \$15 per 100.
- ODORUS RUGULOSUS 2. Rich yellow, single, sweet-scented Jonquil. Starshaped flowers. \$1.60 per dozen, \$12 per 100.

RUGULOSUS FLORA PLENUS 2. The double sweet-scented Jonquil. Double, rich yellow flowers, very fragrant, and prized for cutting. \$1.60 per dozen, \$12 per 100.

# TRIANDUS NARCISSUS

PEARLY QUEEN 4. Bears two or three flowers on each stem. Star-shaped, cream-white perianth and short, clear lemon-yellow trumpet with a pearly sheen. Drooping habit, free flowering and a strong grower. \$1.85 per dozen, \$15 per 100.

**THALIA 3.** A most effective pure white variety producing three or four flowers on a single stem. The best of its class and fine for the rock garden. \$1.95 per dozen, \$15 per 100.

### MIXED NARCISSUS

A really grand mixture of well-selected bulbs of many varieties. Splendid for naturalizing in wood. \$1.35 per dozen, \$10.00 per 100.



### DAFFODILS

A special process of curing and precooling shortens the growing period for forcing Daffodils so that they may be brought into flower at least three weeks in advance of the untreated bulbs. They are therefore invaluable in that they can be flowered for Christmas and throughout the holiday season. The bulbs should be potted immediately on receipt and buried outside with a good mulch to keep out the frost. In from seven to ten weeks, depending on the variety, the flower buds will have become sufficiently advanced that they may be noticed inside the foliage. The bulbs should not be brought into the greenhouse until they have developed to the point where the buds have appeared through the neck of the bulb. In the greenhouse at a temperature of 60 degrees they will bloom in from four to five weeks.

- ACTAEA. Poeticus. White perianth, cup rimmed red. Extra selected bulbs prepared for January flowering. \$2.60 per dozen, \$20 per 100.
- HELIOS. Incomparabilis, the earliest of all. Creamy yellow perianth, pale orange cup. Extra selected bulbs especially prepared to bloom before Christmas. \$2.60 per dozen, \$20 per 100.
- KING ALFRED. Trumpet, golden yellow. Extra selected bulbs prepared for Christmas flowering. \$3.20 per dozen, \$25 per 100.
- LAURENS KOSTER. Poetaz. White perianth with yellow eye. Extra selected bulbs prepared for early January flowering. \$2.30 per dozen, \$17.50 per 100.
- THE FIRST. Trumpet, yellow, similar to Emperor but larger. Extra selected bulbs which may be brought into bloom a week before Christmas. \$2.60 per dozen, \$20 per 100.

#### **Bulbs for House Culture**

Suitable for house culture only, for growing indoors in pots, as well as in pebbles and water. Should be started in a cool, dark place for a few weeks to induce good root growth. Plant in succession for a continuation of bloom.

- PAPER-WHITE GRANDIFLORA. The most popular of all Narcissus for indoor growing. Produces numerous pure white flowers on a single stem. May be had in bloom eight weeks from time of planting. Extra selected. \$1.95 per dozen, \$15 per 100.
- GRAND SOLEIL D'OR. Resembling Paper—white in habit but yellow in color; bright orange cup. \$1.95 per dozen, \$15 per 100.
- FRENCH ROMAN HYACINTHS. These bulbs are invaluable for winter flowering in the house. Each bulb produces from four to five flowering spikes. Used extensively for Christmas forcing. Bulbs planted in September will bloom in December. White, extra selected. \$3.80 per dozen, \$30 per 100.



# HYACINTHS

In beds or borders. Hyacinths should be planted 4 inches deep from the crown of the bulb to the surface of the soil or less, according to size, and about 6 inches apart or more, according to the number of bulbs available for a given space. The soil should be made moderately firm. After planting, the beds must be mulched with litter as a protection against severe weather. All varieties listed are suitable for both forcing and outdoor planting. For outdoor beds or borders, first-size bulbs produce flowers less top-heavy than those from exhibition bulbs.

Culture in pots. The pots for all bulbs should be well drained, the soil made moderately firm, and a little sharp sand dusted under the base of each bulb; then add more soil until one-third of the bulb appears above the surface.

After potting the bulbs, the pans may be plunged into a coldframe or in a sheltered spot in the garden. They should be covered with several inches of soil, and before severe frost sets in, they should be mulched heavily with leaves or straw. They may be lifted after January 1, provided the bud is already out of the bulb. Bulbs not sufficiently advanced should be left until developed.

Keep the pans in a dark cool spot until the buds extend sufficiently above the bulb. After the flowers are plainly visible, they should be kept in a slightly cooler temperature to promote sturdy growth of the plants. The flowers should not be exposed to strong sunlight at any time, for they are apt to fade. For indoor culture plant exhibition size bulbs of named varieties only.

#### **EXHIBITION HYACINTHS**

Selected bulbs of the highest quality, bound to produce the best results for exhibition. Also recommended where extra large spikes are wanted.

Top-size bulbs in any of the following named varieties, \$3.80 per dozen, \$30 per 100.

### First Size Hyacinths

First size bulbs in any of the following named varieties, \$3.20 per dozen, \$25 per 100.

### **Bedding Hyacinths**

These are much superior to the ordinary Bedding Hyacinths and produce larger spikes.

Any of the following named varieties can be furnished in this size at \$2.60 per dozen, \$20 per 100.

#### Rose

- PINK PEARL 1. The large spike is closely set with bells of a distinct rosepink. One of the finest varieties, recommended for the garden and for forcing. The compact flowers are broad, with long, nicely shaped bells; beatiful of form and of a distinct rose coloring.
- **PRINCESS MARGARET 3.** The very large truss is compactly set with well-formed bells of soft pink.
- **HERALD 3.** The large spike is set with bells of a delicate clear rose; of perfect form and one of the earliest forcers.
- QUEEN OF THE PINKS 4. Very lively pink; large spike, but should not be forced early.

#### BLUE

KING OF THE BLUES 4. Rich dark blue. One of the largest.

MYOSOTIS 2. Gigantic flower of forget-me-not-blue.

PERLE BRILLIANT 3. Light blue, tinged lavender. One of the best of the late blue varieties.

BISMARCK 1. One of the finest light blue Hyacinths. Enormous truss.

GRAND MAITRE 2. Deep lavender-blue, shaded dark blue.

#### White

CARNEGIE 3. The truss is closely set with large, well-formed bells of snow-white color. A truly fine exhibition variety and highly recommended.

**ARENTINE ARENDSEN 2.** Snow-white. Especially recommended for early forcing.

L'INNOCENCE 1. Pure white, large bells of great substance. One of the best for both purposes. Outside and forcing.

#### Yellow

(All yellow varieties produce smaller bulbs.)

CITY OF HAARLEM 2. Clear Naples yellow, the best flower among the yellows. The truss is large and well formed.

# CROCUSES

### Spring Flowering

The Crocus is one of the loveliest of all spring flowers. Soon after the snowdrops have put in their appearance come the Crocuses, with their large showy blooms of yellow, white, purple and stripes of lilac on a white ground. They must be grown in a more or less sunny place; otherwise the blooms do not open fully.

They are easily forced in a temperature of about 50 degrees, especially the top-sized quality bulbs which we offer. Please bear in mind that many so-called "first quality" Crocus bulbs do not belong in the top size. Extra quality is never in abundance.

We guarantee all Crocus bulbs offered to be strictly top size unless mentioned otherwise.

### Blue, Purple and Lilac

PAULAS POTTER. Violet-purple. 65 cts. per dozen, \$4 per 100.

**PURPUREA GRANDIFLORA.** Purple; the largest of all Crocuses. 65 cts. per dozen, \$4 per 100.

REMEMBRANCE. Sky-blue, free flowering. 65 cts. per dozen, \$4 per 100.

(continued on next page)

#### Yellow

LARGE YELLOW. Top size. 65 cts. per dozen, \$4 per 100.

#### Striped

KING OF THE STRIPED. Blue striped. 65 cts. per dozen, \$4 per 100.

#### White

KATHLEEN PARLOW. Large, pure white flower of very good substance. 65 cts. per dozen, \$4 per 100.

#### Crocus Mixture

TOP SIZE. 65 cts. per dozen, \$4 per 100.

### HARDY LILIES

Many of the late-flowering Lily bulbs are not ready before the end of November. Where the ground is likely to freeze, we advise the preparation of the Lily beds or borders early in autumn, covering with 4 to 6 inches of leaves or other litter to prevent the ground from freezing until the bulbs arrive. See that they have a well-drained position. Without exception, they prefer a half-shady, moist location, protected against the hot sun. The ground must be thoroughly spaded to a depth of 18 inches before planting Lilies and must be enriched by adding equal portions of leafmold, peat and rotten manure. Plant the bulbs 6 to 8 inches deep. Varieties like Speciosum require at least 8 inches. Put some sand under and around the bulbs to insure proper drainage. Cover the beds with 6 to 8 inches of leaves or other litter, which must be removed early in Spring.

LILIUM CANDIDUM. Madonna Lily. One of the oldest, loveliest and best-known Lilies. Can be planted only in the fall. Spikes of white flowers in June. Extra heavy selected bulbs, \$10.50 per dozen, \$85 per 100. Selected bulbs. \$9 per dozen, \$70 per 100.

**LILIUM AURATUM.** One of the finest and most outstanding garden Lilies. Flowers white, with a band of gold running through the center of each petal, and thickly studded with crimson spots. \$16 per dozen, \$125 per 100.

LILIUM HENRYI. The orange-yellow Speciosum. A splendid garden plant, vigorous ingrowth and of easy cultivation, reaching 6 feet or more in height when established. Plant in late fall or early spring, 10 inches deep. July-August flowering. Extra heavy selected bulbs, \$7.50 per dozen, \$60 per 100. Selected bulbs, \$6.25 per dozen, \$50 per 100.

- LILIUM REGALE. Pure white bloom, with bright golden throat; outside white, tinted pink. Very wiry stem, growing from 2 to 3 feet tall, with many blooms to each stem. Perfectly hardy and will do well in any well-drained soil. July flowering. Jumbo bulbs, \$10.50 per dozen, \$85 per 100. Extra heavy selected bulbs, \$8 per dozen, \$65 per 100. Selected bulbs, \$5.75 per dozen, \$45 per 100.
- LILIUM SPECIOSUM MAGNIFICUM. Massive flowers of rich ruby-carmine, margined white. Strong stout stem with dark green leaves August flowering. Extra heavy selected bulbs, \$13 per dozen, \$100 per 100.
- **LILIUM TRIGINUM SPLENDENS.** Showy spotted red-orange flowers throughout August and into September. Prefers a sunny situation. Bulbs should not be set deeper than 3 to 4 inches. \$5.25 per dozen, \$40 per 100.

### Lilies For Forcing

- **CROFT LILY.** Pure white, with graceful foliage and fine texture. Generally recognized as the finest Lily for Easter pots. A strong and vigorous grower, dwarf in habit.
- **FLORIDII.** A strain of Creole but grows somewhat shorter. May be brought into full bloom in from twelve to fourteen weeks at moderate temperature.
- **HARRISI.** The Bermuda Easter Lily. Large, glistening white, trumpet-shaped flowers. Strong, vigorous grower.
  - Extra heavy selected bulbs of any of these varieties can be supplied at the usual time. Price will be quoted upon application.

### PEONIES

### The World's Finest

You can select from this list with every assurance that you will have the cream of all Peonies.

- ADA PRISCILLA. The "Yellow Peony." Large white outer petals with beautiful center crest of yellow. An outstanding novelty that everyone raves about. \$5 each.
- AUTEN'S PRIDE. Light pink with lavender shading. Very large flower. Medium height. Late. \$3 each
- **BIG BEN.** Our choice as the finest brilliant red. Large, tall and very free flowering. Early. \$5 each.
- **BLUSHING BRIDE**. White with creamy crest and speckled very light pink. Early and medium height. \$3 each.

(continued on next page)

- BREAK O'DAY. Very tall flesh pink with extremely large flat flower. Three straw colored stamen patches. Fine unusual variety. \$5 each.
- FESTIVA MAXIMA. Pure white with crimson markings on center petals. The most popular early white. \$1.50 each.
- FURNACE. One of the late deep red varieties which is destined to make a name for itself. Tall, vigorous grower. Mid-season. \$3.50 each.
- KARL ROSENFIELD. Very large early red. Strong grower, tall and free flowering. \$2 each.
- LONG ISLAND. Fine large white with beautiful cream crest. A delightful combination. \$2 each.
- MARIE ELIZABETH. This outstanding medium red variety will produce more flowers than any other red we know of and the flowers will last longer. Has been a consistent prize winner wherever shown including the coveted American Home Achievement Medal in the 1952 National Show. \$3.50 each.
- MONS. JULES ELIE. Considered by many as the finest Peony of all. Beautiful glowing pink. Very large and fine. Early bloomer. \$2 each.
- MINUET. Very fine medium pink variety. Large flat flower. Tall grower. \$3.50 each.
- MRS. F. D. ROOSEVELT. A winner wherever shown. Large cupped shell shaped petals of medium pink. \$5 each.
- OLD SIWASH. Very large blush white. Tall, vigorous grower. \$3 each.
- PANDORA. A tall noble flower that will dignify any planting, very large and full. Deep rosy pink. Early. \$5 each.
- PINK GLOW. Bright double pink. Sensational new variety. Tall and late. \$7.50 each.
- **PRAIRIE STATE**. Very large medium pink with darker splashes in center. Midseason. Tall and very fine. \$7.50 each.
- **SISTIE.** Light blush pink which fades to pure white. Nice shape, large flower and an excellent grower. \$2.50 each.
- TEMPEST. Possibly the finest deep red Peony in existence today. \$5 each.
- VIRGINIA LOUISE. One of the choicest in our collection. Blush white with deeper pink caste and red splashes on petal tips. Perfect form. Tall and vigorous. Midseason to late. \$5 each.

# DUTCH IRIS

Exquisite shades, ease of culture, and great dependability cause these Iris to become increasingly popular from year to year. They are thoroughly at home in sandy soil, although they will do well in any soil that is not too heavy. Because of dainty form and strong, wiry stems, they lend themselves particularly to decorative arrangements. They readily force in moderate temperature. Outdoors they should not be planted in the same place in succession; nor should Tulips be planted where Iris have been grown previously.



**BLUE CHAMPION.** Bright dark blue. Immense flower, strong stem. \$1.95 per dozen, \$20 per 100.

**DELFT BLUE**. Clear porcelain-blue. Large flower on a tall strong stem. \$1.95 per dozen, \$15 per 100.

IMPERATOR. Soft blue, very broad, strong standards. Large flower of intense coloring, recommended for late March forcing. \$1.60 per dozen, \$12 per 100.

JOAN D'ARC. Large creamy-white flower, changing to pure white when in full bloom. \$1.95 per dozen, \$15 per 100.

PRINCESS IRENE. Ivory-white, falls glowing orange. Robust grower. Extra. \$1.95 per dozen, \$15 per 100.

WEDGEWOOD. This particular hybrid is one of the best of all for forcing. It blooms readily and very early. The large flowers are borne on strong, tall stems. Standards are blue, while the falls are of a paler shade, each having a yellow blotch. \$1.95 per dozen, \$15 per 100.

SPECIAL PREPARED. For early forcing. \$2.60 per dozen, \$20 per 100.

WHITE EXCELSIOR. A splendid forcing variety that may be had in bloom as early as the end of February. Strong grower, bearing pure white flowers of enormous size. \$1.95 per dozen, \$15 per 100.

YELLOW QUEEN. One of the most striking of all yellow varieties. The wiry stems carry large flowers of great substance. Standards are a pale yellow, while the somewhat smaller and rounded falls are golden yellow. \$1.60 per dozen, \$12 per 100.

## EREMURUS

A noble group of hardy plants from the Himalayas. The enormous, stately flower stalks, often 6 to 10 feet tall, rise majestically from a tuft of long narrow leaves and are crowded by flower spikes 2 to 3 feet long. These spikes are composed of hundreds of closely set, starlike flowers in beautiful shades of rose, yellow, bronze and white.

Eremurus should be planted in the early fall, 4 inches deep. They enjoy a well-drained, rich soil and a sunny location, and may be left undisturbed for years. Although perfectly hardy, they should have a heavy mulch of salt hay or leaves the first year after planting. When fully established, a mulch of old cow manure is sufficient. When flowering time is over, the plant disappears entirely, but reappears very early in the spring, when it is advisable to place a paper bag or flower pot over the young crown to protect it from late frost.

- BUNGEI. Golden yellow flowers borne on spikes 5 to 6 feet high. Very beautiful. \$2.50 each, \$30 per dozen.
- ELWESIANUS. Pink flowers thickly set in enormous spikes. Very vigorous. Blooms the beginning of June. Height, 8 to 10 feet. \$2.50 each, \$30 per dozen.
- **ELWESIANUS ALBUS.** Pure white flowers on superb spikes. Same habit as Elwesianus, but blooms one week earlier. Height, 8 to 10 feet. \$2.50 each, \$30 per dozen.
- OLGAE. Deep pink, sweet scented and densely set. A distinct species from Turkestan, with narrow leaves. Height, 8 feet, \$2.50 each, \$30 per dozen.
- ROBUSTUS. Tall, strong plant and one of the finest. Flowers of rosy pink, a darker tone than that of Elwesianus. Will grow to a height of 10 feet when fully established. \$2.50 each, \$30 per dozen.
- SHELFORD. The exterior of the coppery yellow flowers is tinted ruddy bronze. The flower spikes are 3 feet in length and closely set as in Bungei. Blooms just after Warei. Height, 6 to 7 feet. \$2.50 each, \$30 per dozen.
- WAREI. Myriads of fine coppery pink flowers shot with bronze cover the 3-foot flower spikes. Flowers just before Bungei. Height, 6 to 8 feet. \$2.50 each, \$30 per dozen.

Above prices are based on extra heavy roots

## LILY-OF-THE-VALLEY

LILY-OF-THE-VALLEY PIPS. Selected, imported pips in case lots of 250. \$50 per case.

# NEW GLANT FREESLAS

Finest quality, greenhouse-grown bulbs.

- APPLE BLOSSOM. Delicate pink; strong grower. Fine exhibition variety. \$2.60 per dozen, \$20 per 100.
- CREAM GIANT. Cream-yellow with distinct orange-yellow throat, very fragrant. \$2.60 per dozen, \$20 per 100.
- GOLD FINCH. A new introduction, a combination of colors as found in the Talisman Rose but a little darker, very striking and fragrant. \$2.60 per dozen, \$20 per 100.
- KING OF THE YELLOWS. An outstanding yellow variety producing large flowers on a strong stem. \$2.60 per dozen, \$20 per 100.
- MARYON. Violet-mauve, very attractive as to color and size. \$2.60 per dozen, \$20 per 100.
- PRIMROSE. Extra heavy stems, very substantial flower, pleasing shade of ivory, blooms later than other varieties. \$2.60 per dozen, \$20 per 100.
- **\$NOWSTORM.** Pure white, very large flower on a tall strong stem. \$2.60 per dozen, \$20 per 100.

## MUSCARI

#### (Grape Hyacinth)

For planting in masses, either in shady places or where exposed to full sun. Plant in gold groups about 3 inches deep and 1-1/2 inches apart. May flowering.

BOTRYOIDES (Blue Grape Hyacinth). 70 cts. per dozen, \$5 per 100.

BOTRYOIDES ALBUM (White Grape Hyacinth). 90 cts. per dozen, \$6 per 100.

HEAVENLY BLUE. Bright sky-blue. 75 cts. per dozen, \$5 per 100.

# MISCELLANEOUS BULBS

#### Chinonodoxa (Glory-of-the-Snow)

The most beautiful of dwarf blue spring flowers, resembling Scilla Siberica—but larger and slightly taller. They are very hardy, thriving on any ordinary garden soil and in almost any situation.

GIGANTEA. Large blooms of soft gray-blue. 75 cts. per dozen, \$15 per 100.

**SARDENSIS.** True gentian-blue, with white center. 75 cts. per dozen, \$5 per 100.

LUCILIAE ALBA. Beautiful white. \$1.15 per dozen, \$8 per 100.

#### **Eranthis Hyemalis (Winter Aconite)**

Particularly suitable for growing under trees and in shaded situations where relatively few flowers thrive. Golden yellow, buttercup-like blossoms are deeply set within emerald-green whorls of leaves that remain long after the flowers are gone. 90 cts. per dozen, \$6 per 100.

#### Leucojum Vernum

Similar to snowdrops, but the flowers are much larger, borne on taller, stronger stems and are of more upright habit. It grows about 8 inches higher and bears large white flowers, the petals of which are tipped with green. Late April. Excellent for cutting. \$1.60 per dozen, \$12 per 100.

#### Mertensia Virginica (Virginia Bluebells)

An early spring-flowering plant. Indispensable for the garden and for color effect among naturalized Narcissus. The plants grow from 1 to 2 feet in height, with drooping panicles of handsome porcelain-blue flowers, turning pink with age. Extra heavy clumps. \$3.80 per dozen, \$30 per 100.

#### Ranunculus

Some flowers are very double, and some are semi-double. Centers are usually light green. Extra selected bulbs.

Golden yellow shades White (white predominates)

Pink shades Yellow shades
Red shades Mixed colors

Above shades \$1.60 per dozen, \$12 per 100

#### Scilla Campanulata

The following list contains the best varieties in existence at present. Try some.

All the varieties of the Scilla Campanulata family are splendid naturalizing, because they will flower in shady places, where almost any other flower will die. Both have bells like small hyacinths, on long, graceful spikes. The flowers of the Campanulata family are superior to those of the Nutans family, being of a larger size and brighter colors. Height, 15 inches. Plant bulbs 3 inches deep (deeper in light soils) and about 2 inches apart.

ALBA MAXIMA. Large, pure white. 75 cts. per dozen, \$5 per 100.

EXCELSIOR. Large, bright blue. Late. 75 cts. per dozen, \$5 per 100.

**HERAUT.** Violet-blue, tall and early flowering. One of the best in this list. \$1.35 per dozen, \$10 per 100.

QUEEN OF THE PINKS. Soft, lilac-rose. Strong grower. \$1.35 per dozen, \$10 per 100.

SKY BLUE. Large, deep blue. Late. 75 cts. per dozen, \$5 per 100.

WHITE CITY. Ivory-white, large flower on a tall, strong stem, late. \$1.35 per dozen, \$10 per 100.

WHITE TRIUMPHATER. Pure white. Similar to WHITE CITY in growing habit. \$1.35 per dozen, \$10 per 100.

#### Scilla Sibirica

The Siberian Squill bears small, drooping, bell-like flowers on short stems, 3 to 4 inches high. Most attractive for rockery or massing in borders. Should be planted about 3 inches deep.

SIBIRICA. Sky-blue. 75 cts. per dozen, \$5 per 100.

SIBIRICA ALBA. White. 75 cts. per dozen, \$5 per 100.

SPRING BEAUTY. A glorified form of Sibirica. The color is a brighter blue and the stem is taller. 85 cts. per dozen, \$6 per 100.

#### Snowdrops

These elegant little flowers, among the first to open in the spring, are also among the loveliest. They will thrive in almost any situation or soil, and should be planted as soon as possible in early fall.

NIVALIS. Single Snowdrop. 80 cts. per dozen, \$5.50 per 100.

NIVALIS FLORE PLENO. Double Snowdrop. 85cts. per dozen, \$6 per 100.

#### Trillium

Bloom early in spring and thrive best in moist, shady situations.

**ERECTUM**. Purple Trillium, with broad leaves. \$2.75 per dozen, \$20 per 100.

**GRANDIFLORUM**. Large white flowers changing to lilac with age. \$2.75 per dozen, \$20 per 100.

STYLOSUM. Rose Trillium. Rose-pink flowers. \$3.50 per dozen, \$25 per 100.

#### **Amaryllis Seed**

A limited supply of an exceptionally fine strain of exhibition stock. Hand pollinated. All colors, including white. \$7.50 per packet of 50 seeds, \$15 per 100 seeds.

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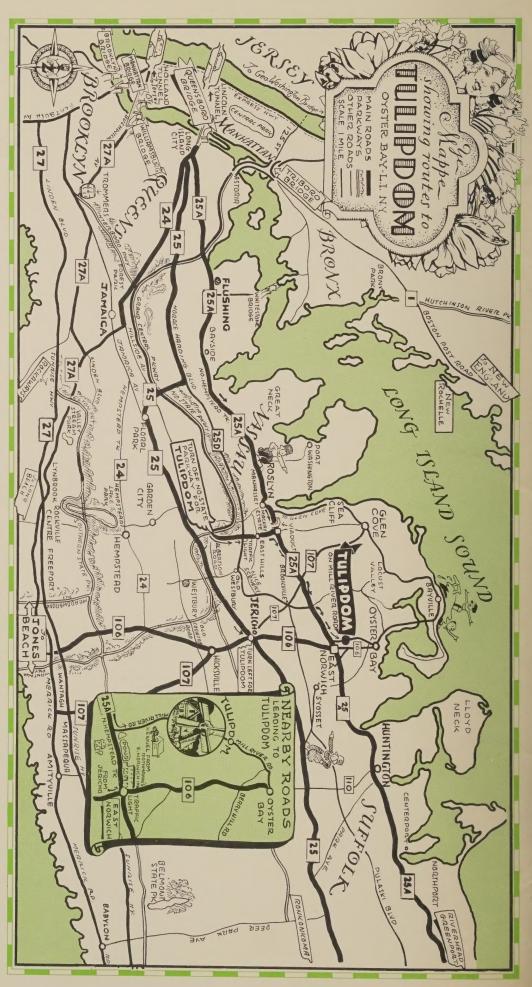
## ZANDBERGEN BROS., Inc.

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Express Office				
Supt. or Gardener Check Enclosed for \$				
QUANTITY TYPE NAMES OF VARIETIES PRICE				
	PRICE			
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Amount carried forward \$	_			

QUANTITY	TYPE	NAMES OF VARIETIES	PRICE				
	46.50						
			\$				
Probably you have friends who would like to receive this catalog. If you will write their names and addresses on the back of this order blank, we will mail each a copy							







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